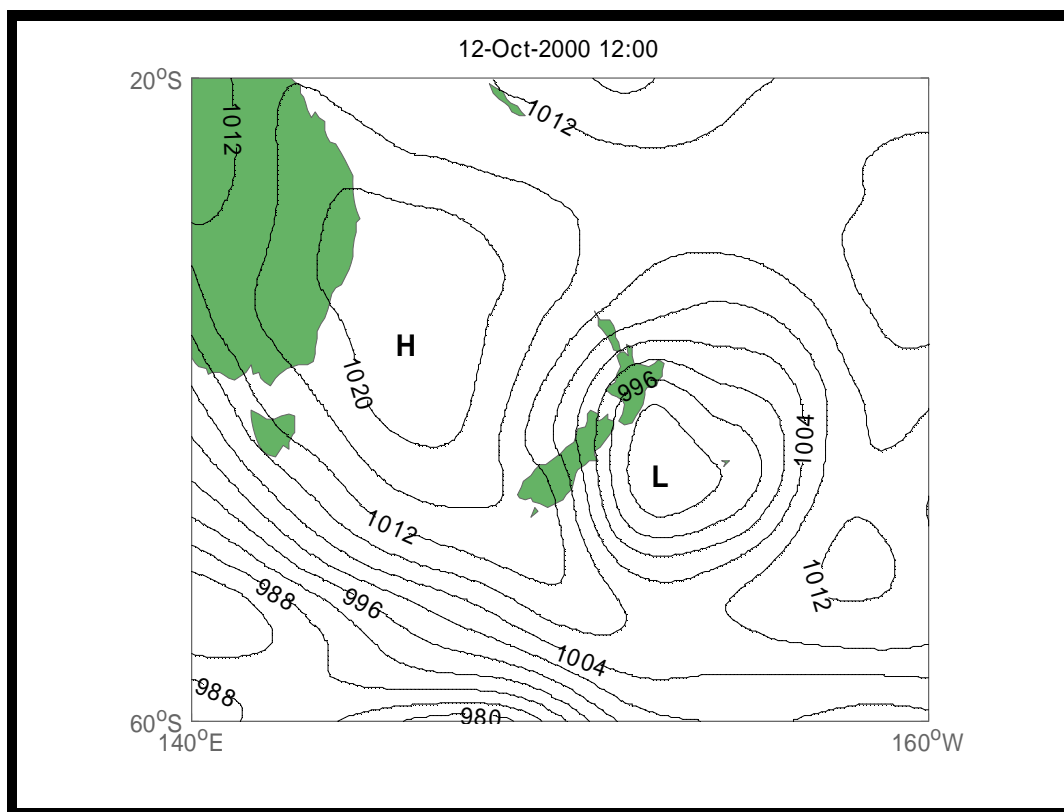


Coastal Storm Database - Event Summary

Date: 12-13 Oct 2000	Wind Direction: SW
Event Type: Wind/Wave	Gisborne Duration (Hours): -
Location: Wellington	Wellington Duration (Hours): 30
Origin: Eastern NZ	Pressure Gradient: S to SSW
Type: East Coast Secondary Low	



Synoptic Conditions

A secondary cyclone developed over the lower South Island from a southern ocean trough. On the 12th this cyclone was between Christchurch and the Chatham Islands and had a very strong S to SSE airstream on its western side that affected the eastern South Island and Cook Strait area. This flow then moved up the eastern North Island but with less velocity and veered to the SSW. Furthermore, the lower South Island was covered by a ridge from a Tasman sea anticyclone on the 12th

Sea Conditions

7m swells in Cook Strait

Maximum Wave Statistics

Location	Max Wave Height (m)	Period (s)
Napier	2.4	14
*Maximum Wave Height		

Maximum Wind Gusts (kph and dir)

Date	Gisborne	Napier	Wellington
12-Oct-00			102 (SW)
13-Oct-00			98 (SW)

Maximum Wind Gusts (kph and dir)

	Date	Gisborne	Napier	Wellington
<hr/>				
Impact Area	Impacts and Damages			
Wellington	<ul style="list-style-type: none">● Road from Owhiro Bay to Red Rocks closed after seas washed away part of road● Big surf near airport● Debris over roads at Eastbourne and Lowry Bay from waves surged over road● All ferry services cancelled● Swells reached 6m in Cook Strait			
Canterbury	<ul style="list-style-type: none">● Lyttelton harbour pummeled by huge seas; at least 12 boats sank and another 40 other sustained damage● Road closures cut off Bank Peninsula			

Data Source

- 1 Clean-Up Under Way: Gisborne Herald, 12/10/2000, p7
 - 2 Ferries Stop, Fishermen Drowns: Evening Post, 13/10/2000, p1
 - 3 [Picture - No Title]: Evening Post, 13/10/2000, p2
 - 4 Wild Weather Wreaks Havoc: Dominion Post, 13/10/2000, p1
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